

chain nodes :

30 66 67 68 69 77 78 79 80 81 82 83 84 85 86 87 89

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 31  
 32 33 34 35 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55  
 56 57 58 59 60 61 70 71 72 73 74 75

chain bonds :

30-32 35-89 42-66 48-67 54-68 60-69 66-78 67-79 68-80 69-81 74-77 77-82 78-83  
 79-84 80-85 81-86 82-87

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15  
 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 31-32 31-35 32-33 33-34  
 34-35 38-39 38-43 39-40 40-41 41-42 42-43 44-45 44-49 45-46 46-47 47-48 48-49  
 50-51 50-55 51-52 52-53 53-54 54-55 56-57 56-61 57-58 58-59 59-60 60-61 70-71  
 70-75 71-72 72-73 73-74 74-75

exact/norm bonds :

30-32 31-32 31-35 32-33 33-34 34-35 35-89 42-66 48-67 54-68 60-69 66-78 67-79  
 68-80 69-81 74-77 77-82 78-83 79-84 80-85 81-86 82-87

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15  
 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 38-39 38-43 39-40 40-41  
 41-42 42-43 44-45 44-49 45-46 46-47 47-48 48-49 50-51 50-55 51-52 52-53 53-54  
 54-55 56-57 56-61 57-58 58-59 59-60 60-61 70-71 70-75 71-72 72-73 73-74 74-75

G1: [\*1], [\*2], [\*3], [\*4]

G2: C, N

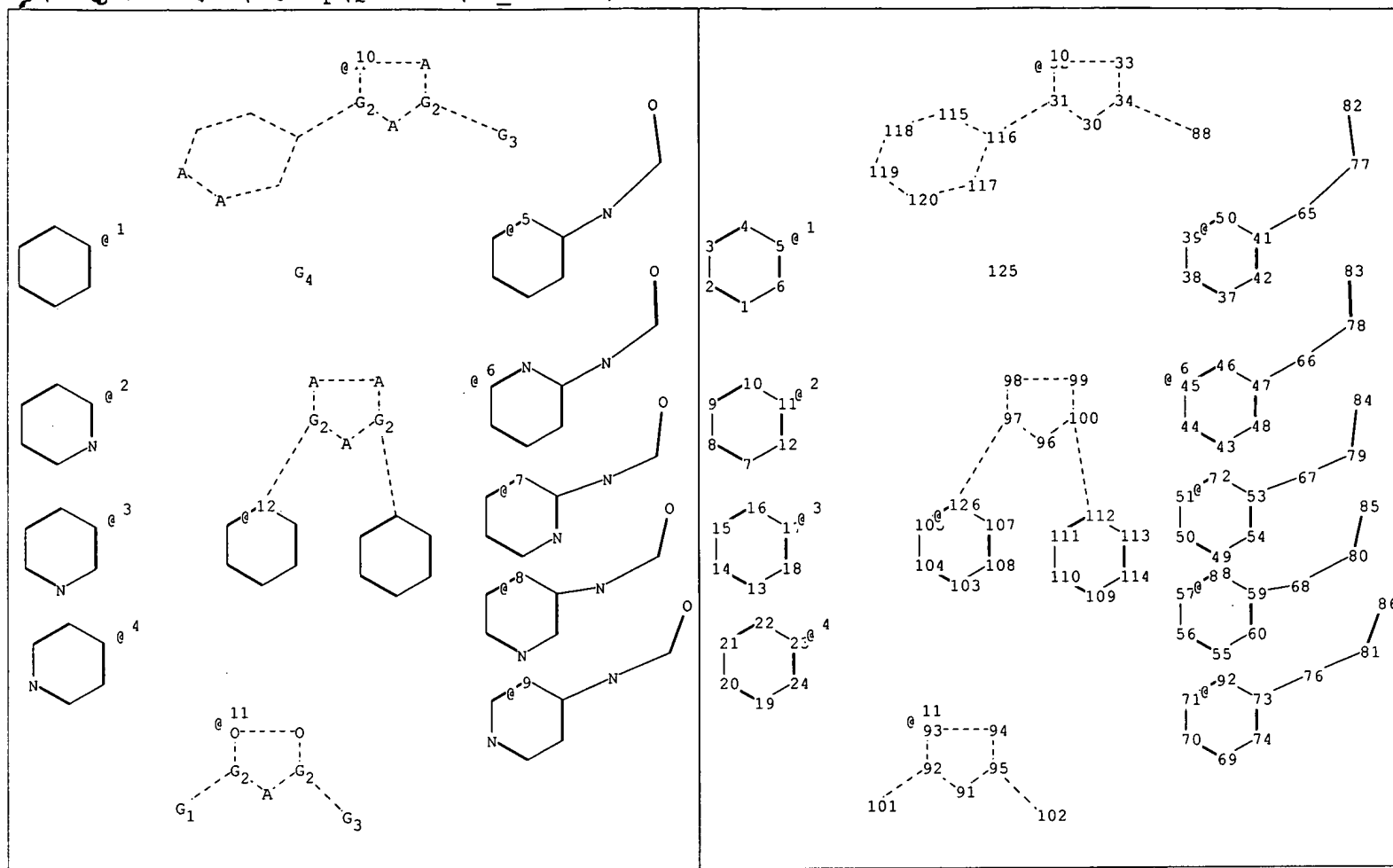
G3: [\*5], [\*6], [\*7], [\*8], [\*9]

Connectivity :

78:3 E exact RC ring/chain 79:3 E exact RC ring/chain 80:3 E exact RC ring/chain  
81:3 E exact RC ring/chain 82:3 E exact RC ring/chain 83:1 E exact RC ring/chain  
84:1 E exact RC ring/chain 85:1 E exact RC ring/chain 86:1 E exact RC ring/chain  
87:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom  
22:Atom 23:Atom 24:Atom 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 38:Atom  
39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom  
49:Atom 50:Atom 51:Atom 52:Atom 53:Atom 54:Atom 55:Atom 56:Atom 57:Atom 58:Atom  
59:Atom 60:Atom 61:Atom 66:CLASS 67:CLASS 68:CLASS 69:CLASS 70:Atom 71:Atom  
72:Atom 73:Atom 74:Atom 75:Atom 77:CLASS 78:CLASS 79:CLASS 80:CLASS 81:CLASS  
82:CLASS 83:CLASS 84:CLASS 85:CLASS 86:CLASS 87:CLASS 89:CLASS



## chain nodes :

65 66 67 68 76 77 78 79 80 81 82 83 84 85 86 88 101 102 125

## ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 30  
 31 32 33 34 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54  
 55 56 57 58 59 60 69 70 71 72 73 74 91 92 93 94 95 96 97 98 99 100  
 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

## chain bonds :

31-116 34-88 41-65 47-66 53-67 59-68 65-77 66-78 67-79 68-80 73-76 76-81  
 77-82 78-83 79-84 80-85 81-86 92-101 95-102 97-106 100-112

## ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15  
 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 30-31 30-34 31-32 32-33  
 33-34 37-38 37-42 38-39 39-40 40-41 41-42 43-44 43-48 44-45 45-46 46-47 47-48  
 49-50 49-54 50-51 51-52 52-53 53-54 55-56 55-60 56-57 57-58 58-59 59-60 69-70  
 69-74 70-71 71-72 72-73 73-74 91-92 91-95 92-93 93-94 94-95 96-97 96-100  
 97-98 98-99 99-100 103-104 103-108 104-105 105-106 106-107 107-108 109-110  
 109-114 110-111 111-112 112-113 113-114 115-116 115-118 116-117 117-120 118-119  
 119-120

## exact/norm bonds :

30-31 30-34 31-32 31-116 32-33 33-34 34-88 41-65 47-66 53-67 59-68 65-77  
 66-78 67-79 68-80 73-76 76-81 77-82 78-83 79-84 80-85 81-86 91-92 91-95 92-93  
 92-101 93-94 94-95 95-102 96-97 96-100 97-98 97-106 98-99 99-100 100-112  
 115-116 115-118 116-117 117-120 118-119 119-120

## normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15  
 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 37-38 37-42 38-39 39-40  
 40-41



10-646348

# Search history

Davis 10/646348

02/17/2006

=> d his full

(FILE 'HOME' ENTERED AT 09:06:16 ON 17 FEB 2006)

FILE 'STNGUIDE' ENTERED AT 09:06:26 ON 17 FEB 2006

SET LINE 250  
SET DETAIL OFF  
DIS SAVED  
DIS SAVED/S

FILE 'REGISTRY' ENTERED AT 09:06:42 ON 17 FEB 2006

ACT DAV348STRA/A

-----

L1 STR  
L2 ( 4356201)SEA ABB=ON PLU=ON NC5/ESS  
L3 281 SEA SUB=L2 SSS FUL L1

-----  
ACT DAV348STRAX/A

-----

L4 STR  
L5 ( 4356201)SEA ABB=ON PLU=ON NC5/ESS  
L6 ( 281)SEA SUB=L5 SSS FUL L4  
L7 ( 1352901)SEA ABB=ON PLU=ON 46.156.30/RID  
L8 222 SEA ABB=ON PLU=ON L6 AND L7

-----  
SET LINE LOGIN  
SET DETAIL LOGIN

FILE 'STNGUIDE' ENTERED AT 09:06:48 ON 17 FEB 2006

FILE 'REGISTRY' ENTERED AT 09:08:01 ON 17 FEB 2006

L9 195 SEA ABB=ON PLU=ON L8 AND O>1

FILE 'STNGUIDE' ENTERED AT 09:09:29 ON 17 FEB 2006

FILE 'REGISTRY' ENTERED AT 09:36:09 ON 17 FEB 2006

L10 STRUCTURE UPLOADED  
L11 11 SEA SUB=L3 SSS SAM L10  
D SCA  
L12 180 SEA SUB=L3 SSS FUL L10  
SAVE TEMP L12 DAV348NOT1/A  
D SCA L12  
E "CARBAMIC ACID, (3-(5-(3,4-BIS(PHENYLMETHOXY)PHENYL)-1-(2-PY  
L13 1 SEA ABB=ON PLU=ON "CARBAMIC ACID, (3-(5-(3,4-BIS(PHENYLMETHOX  
Y)PHENYL)-1-(2-PYRIDINYL)-1H-PYRAZOL-3-YL)PHENYL)-, PHENYLMETHY  
L ESTER"/CN  
E "BENZAMIDE, N-(4-(2-(2-CHLOROPHENYL)-4-(3-METHYLPHENYL)-5-THI  
L14 1 SEA ABB=ON PLU=ON "BENZAMIDE, N-(4-(2-(2-CHLOROPHENYL)-4-(3-M  
ETHYLPHENYL)-5-THIAZOLYL)-2-PYRIDINYL)-"/CN  
E "BENZENEACETAMIDE, N-(4-(2-(2-CHLOROPHENYL)-4-(3-METHYLPHENYL  
L15 1 SEA ABB=ON PLU=ON "BENZENEACETAMIDE, N-(4-(2-(2-CHLOROPHENYL)  
-4-(3-METHYLPHENYL)-5-THIAZOLYL)-2-PYRIDINYL)-"/CN  
E "BENZENEPROPANAMIDE, N-(4-(2-(2-CHLOROPHENYL)-4-(3-METHYLPHEN  
L16 1 SEA ABB=ON PLU=ON "BENZENEPROPANAMIDE, N-(4-(2-(2-CHLOROPHENY  
L)-4-(3-METHYLPHENYL)-5-THIAZOLYL)-2-PYRIDINYL)-"/CN  
L17 4 SEA ABB=ON PLU=ON (L13 OR L14 OR L15 OR L16)  
SAVE TEMP DAV348ADD/A L17  
L18 101 SEA ABB=ON PLU=ON L3 NOT L12  
L19 105 SEA ABB=ON PLU=ON L18 OR L17

FILE 'CAPLUS' ENTERED AT 10:07:07 ON 17 FEB 2006  
L20 14 SEA ABB=ON PLU=ON L19  
D L1

FILE 'STNGUIDE' ENTERED AT 10:11:08 ON 17 FEB 2006  
D COST

FILE 'REGISTRY' ENTERED AT 10:12:14 ON 17 FEB 2006

FILE 'STNGUIDE' ENTERED AT 10:12:40 ON 17 FEB 2006

FILE 'REGISTRY' ENTERED AT 11:13:29 ON 17 FEB 2006  
L21 ANALYZE PLU=ON L19 1- LC : 4 TERMS  
D

FILE 'USPATFULL' ENTERED AT 11:14:18 ON 17 FEB 2006  
L22 13 SEA ABB=ON PLU=ON L19

FILE 'TOXCENTER' ENTERED AT 11:14:41 ON 17 FEB 2006  
L23 4 SEA ABB=ON PLU=ON L19

FILE 'STNGUIDE' ENTERED AT 11:14:50 ON 17 FEB 2006

FILE 'CAPLUS' ENTERED AT 11:16:05 ON 17 FEB 2006  
E US2003-646348/APPS  
L24 10289 SEA ABB=ON PLU=ON SINGH R?/AU  
L25 208 SEA ABB=ON PLU=ON GOFF D?/AU  
L26 396 SEA ABB=ON PLU=ON PARTRIDGE J?/AU  
L27 5 SEA ABB=ON PLU=ON L24 AND L25 AND L26  
L28 9 SEA ABB=ON PLU=ON L24 AND (L25 OR L26)  
L29 5 SEA ABB=ON PLU=ON L25 AND L26

FILE 'USPATFULL' ENTERED AT 11:20:23 ON 17 FEB 2006  
L30 565 SEA ABB=ON PLU=ON SINGH R?/AU  
L31 73 SEA ABB=ON PLU=ON GOFF D?/AU  
L32 83 SEA ABB=ON PLU=ON PARTRIDGE J?/AU  
L33 5 SEA ABB=ON PLU=ON L30 AND L31 AND L32  
L34 7 SEA ABB=ON PLU=ON L30 AND (L31 OR L32)  
L35 5 SEA ABB=ON PLU=ON L31 AND L32

FILE 'TOXCENTER' ENTERED AT 11:21:19 ON 17 FEB 2006  
L36 2326 SEA ABB=ON PLU=ON SINGH R?/AU  
L37 171 SEA ABB=ON PLU=ON GOFF D?/AU  
L38 101 SEA ABB=ON PLU=ON PARTRIDGE J?/AU  
L39 1 SEA ABB=ON PLU=ON L36 AND L37 AND L38  
L40 2 SEA ABB=ON PLU=ON L36 AND (L37 OR L38)  
L41 1 SEA ABB=ON PLU=ON L37 AND L38  
L42 1 SEA ABB=ON PLU=ON (L39 OR L40 OR L41) AND L23

FILE 'USPATFULL' ENTERED AT 11:22:55 ON 17 FEB 2006  
L43 2 SEA ABB=ON PLU=ON (L33 OR L34 OR L35) AND L22  
L44 2 SEA ABB=ON PLU=ON (L30 OR L31 OR L32) AND L22

FILE 'TOXCENTER' ENTERED AT 11:23:44 ON 17 FEB 2006  
L45 1 SEA ABB=ON PLU=ON (L36 OR L37 OR L38) AND L23

FILE 'CAPLUS' ENTERED AT 11:24:02 ON 17 FEB 2006  
L46 2 SEA ABB=ON PLU=ON (L24 OR L25 OR L26) AND L20

FILE 'STNGUIDE' ENTERED AT 11:25:09 ON 17 FEB 2006

FILE 'REGISTRY' ENTERED AT 11:32:03 ON 17 FEB 2006  
D STAT QUE L19

FILE 'CAPLUS' ENTERED AT 11:32:05 ON 17 FEB 2006

D QUE NOS L27  
D QUE NOS L28  
D QUE NOS L29  
D QUE NOS L46

L47 9 SEA ABB=ON PLU=ON (L27 OR L28 OR L29) OR L46

FILE 'USPATFULL' ENTERED AT 11:32:09 ON 17 FEB 2006

D QUE NOS L33  
D QUE NOS L34  
D QUE NOS L35  
D QUE NOS L43  
D QUE NOS L44

L48 7 SEA ABB=ON PLU=ON (L33 OR L34 OR L35) OR (L43 OR L44)

FILE 'TOXCENTER' ENTERED AT 11:32:13 ON 17 FEB 2006

D QUE NOS L39  
D QUE NOS L40  
D QUE NOS L41  
D QUE NOS L42  
D QUE NOS L45

L49 2 SEA ABB=ON PLU=ON (L39 OR L40 OR L41 OR L42) OR L45

FILE 'STNGUIDE' ENTERED AT 11:32:33 ON 17 FEB 2006

FILE 'CAPLUS, USPATFULL, TOXCENTER' ENTERED AT 11:33:37 ON 17 FEB 2006

L50 15 DUP REM L47 L48 L49 (3 DUPLICATES REMOVED)  
ANSWERS '1-9' FROM FILE CAPLUS  
ANSWERS '10-15' FROM FILE USPATFULL  
D IBIB ABS HITIND HITSTR L50 1-9  
D IBIB ABS HITSTR L50 10-15

FILE 'STNGUIDE' ENTERED AT 11:35:18 ON 17 FEB 2006

FILE 'REGISTRY' ENTERED AT 11:38:43 ON 17 FEB 2006

D STAT QUE L19  
D L21

FILE 'CAPLUS' ENTERED AT 11:38:46 ON 17 FEB 2006

D QUE NOS L20

L51 12 SEA ABB=ON PLU=ON L20 NOT L47

FILE 'USPATFULL' ENTERED AT 11:38:48 ON 17 FEB 2006

D QUE NOS L22

L52 11 SEA ABB=ON PLU=ON L22 NOT L48

FILE 'TOXCENTER' ENTERED AT 11:38:50 ON 17 FEB 2006

D QUE NOS L23

L53 3 SEA ABB=ON PLU=ON L23 NOT L49

FILE 'STNGUIDE' ENTERED AT 11:39:14 ON 17 FEB 2006

FILE 'CAPLUS, USPATFULL, TOXCENTER' ENTERED AT 11:39:50 ON 17 FEB 2006

L54 23 DUP REM L51 L52 L53 (3 DUPLICATES REMOVED)  
ANSWERS '1-12' FROM FILE CAPLUS  
ANSWERS '13-23' FROM FILE USPATFULL

D IBIB ABS HITIND HITSTR L54 1-12  
D IBIB ABS HITSTR L54 13-23

## FILE HOME

## FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 10, 2006 (20060210/UP).

## FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 15 FEB 2006 HIGHEST RN 874326-73-5

DICTIONARY FILE UPDATES: 15 FEB 2006 HIGHEST RN 874326-73-5

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\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*

\*

\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
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FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 16 Feb 2006 (20060216/PD)

FILE LAST UPDATED: 16 Feb 2006 (20060216/ED)

HIGHEST GRANTED PATENT NUMBER: US7000250

HIGHEST APPLICATION PUBLICATION NUMBER: US2006037120

CA INDEXING IS CURRENT THROUGH 14 Feb 2006 (20060214/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 16 Feb 2006 (20060216/PD)

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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005

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See <http://www.nlm.nih.gov/mesh/>

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for a description of changes.

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